

# Sequence Listing

<110> Patricia Billing-Medel  
Maurice Cohen  
Tracey L. Colpitts  
Paula N. Friedman  
Julian Gordon  
Edward N. Granados  
Steven C. Hodges  
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Jon D. Kratochvil  
Lisa Roberts-Rapp  
John C. Russell  
Stephen D. Stroupe

<120> Reagents and Methods Useful for Detecting Diseases of the Breast

<130> 6193.US.P1

<150> 08/971,772

<151> 17-Nov-1997

<160> 23

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 288

<212> DNA

<213> Homo sapiens

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aggcctggag	accagctccg	gtgggaagct	ggctggccat	cagaagaccg	tccccacggc	180
tcacctgact	tttgttattg	actgcaccca	cgggaagcag	ctctccctgg	cagcaaccgc	240
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<212> DNA

<213> Homo sapiens

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actgcaccca	cgggaagcag	ctctccctgg	cagcaaccgc	atcaccaccc	caagccccc	180
gtcccaatcg	agggcttgct	acccaccaa	tgaagaccta	catcgtgttc	tgtggggaaa	240
actggcccca						250

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<212> DNA

<213> Homo sapiens

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cagcccgtc	tgccccagg	aggttcccg	ggctaagggg	aaaccctga	aggctgcgcc	180
tgtgaggtct	tcaacttggg	gaacagtcaa	ggactcactg	aaagccctct	cctcttgtgt	240
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<210> 4

<211> 256

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<213> Homo sapiens

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ccagtaatat	ttgctgtatg	aatgaatgag	tctcttcatt	tgcaggtgac	ttatcctgcc	180
tctgccactc	gacggatggt	tcagatgccc	cttagcggat	ctaataatgt	ttccttggct	240
caagcaca	aaagactc					256

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<211> 133

<212> DNA

<213> Homo sapiens

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ctggcatgtg	gaa					133

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<212> DNA

<213> Homo sapiens

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aggcctggag	accagctccg	gtgggaagct	ggctggccat	cagaagaccg	tccccacggc	180
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catcgtgttc	tgtggggaaa	actggcccca	tcttactcgg	gtgaccccca	tgggtggggg	360
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ggataagtca	cctgcacatg	aagagactca	ttcattcata	cagcaaata	tactggtaca	780
tcttccacat	gccaggccct	gcaaagtgtc	ggggagatac	catgggtttc	ctggagctgg	840
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<211> 915

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tcacctgact	tttggtattg	actgcaccca	cgggaagcag	ctctccctgg	cagcaaccgc	240
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catcgtgttc	tgtggggaaa	actggcccca	tctkactcgg	gtgaccccca	tgggtggggg	360
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aaggaaacat	cattagatcc	gctaaggggg	atctgaaaca	tccgtcgagt	ggcagaggca	720
ggataagtca	cctgcacatg	aagagactca	ttcattcata	cagcaaata	tactggtaca	780
tcttccacat	gccaggccct	gcaaagtgtc	ggggagatac	catgggtttc	ctggagctgg	840
tatttttggg	gtggagggaa	cccaccctga	ataaataaag	taaccaata	aataaagaag	900
atgattttga	acagc					915

<210> 8

<211> 68

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 cgggaatt 68  
  
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 <211> 68  
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 <212> DNA  
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 <220>  
 <223> Universal primer  
  
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 <213> Artificial Sequence  
  
 <400> 11  
 tgtaaaacga cggccagt 18  
  
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 <213> Homo sapiens  
  
 <400> 12  
 cccaccaat gaagacctac 20  
  
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 cccacagaa cacgatgtag 20  
  
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 <212> DNA  
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<400> 15  
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22

<210> 16  
<211> 22  
<212> DNA  
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<400> 16  
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22

<210> 17  
<211> 188  
<212> PRT  
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<400> 17  
Glu Trp Pro Arg Thr Ala Pro Leu Leu Pro Glu Leu Gly Arg Arg Arg  
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Ser Ser Arg Met Ala Pro Ser Glu Asp Pro Arg Asp Trp Arg Ala Asn  
20 25 30  
Leu Lys Gly Thr Ile Arg Glu Thr Gly Leu Glu Thr Ser Ser Gly Gly  
35 40 45  
Lys Leu Ala Gly His Gln Lys Thr Val Pro Thr Ala His Leu Thr Phe  
50 55 60  
Val Ile Asp Cys Thr His Gly Lys Gln Leu Ser Leu Ala Ala Thr Ala  
65 70 75 80  
Ser Pro Pro Gln Ala Pro Ser Pro Asn Arg Gly Leu Val Thr Pro Pro  
85 90 95  
Met Lys Thr Tyr Ile Val Phe Cys Gly Glu Asn Trp Pro His Leu Thr  
100 105 110  
Arg Val Thr Pro Met Gly Gly Gly Cys Leu Ala Gln Ala Arg Ala Thr  
115 120 125  
Leu Pro Leu Cys Arg Gly Ser Val Ala Ser Ala Ser Phe Pro Val Ser  
130 135 140  
Pro Leu Cys Pro Gln Glu Val Pro Glu Ala Lys Gly Lys Pro Val Lys  
145 150 155 160  
Ala Ala Pro Val Arg Ser Ser Thr Trp Gly Thr Val Lys Asp Ser Leu  
165 170 175  
Lys Ala Leu Ser Ser Cys Val Cys Gly Gln Ala Asp  
180 185

<210> 18  
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<212> PRT  
<213> Homo sapiens

<400> 18  
Arg Ser Ser Arg Met Ala Pro Ser Glu Asp Pro Arg Asp Trp Arg Ala  
1 5 10 15  
Asn Leu Lys Gly Thr  
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<210> 19  
<211> 19  
<212> PRT  
<213> Homo sapiens

<400> 19  
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Arg Gly Ser

<210> 20  
<211> 35  
<212> PRT

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<213> Homo sapiens

<400> 20
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          20          25          30
Ala Leu Ser
          35

<210> 21
<211> 19
<212> PRT
<213> Homo sapiens

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Gln Lys Thr

<210> 22
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Affinity purification system recognition site

<400> 22
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<210> 23
<211> 21
<212> PRT
<213> Artificial Sequence

<220>
<223> Affinity purification system recognition site

<400> 23
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His His His His His
          20

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